

PARAMETER COMPENSATED PULSE OXIMETER

ABSTRACT OF THE DISCLOSURE

A monitor has a primary input responsive to a first property of a tissue site. An uncompensated measurement is determinable from the primary input. A parameter input is responsive to a second property associated with the tissue site, where the first property is dependent upon the second property. The monitor also has a compensation relationship of the primary input, the parameter input and a compensated measurement. A processor is configured to output a compensated measurement from the primary input and the parameter input utilizing the compensation relationship, where the compensated measurement more accurately represents the first property than the uncompensated measurement.

PATENT

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